

Trypan Blue, sodium salt *10 mM aqueous solution*

Catalog number: 2453
Unit size: 10 mL

Component	Storage	Amount
Trypan Blue, sodium salt *10 mM aqueous solution*	Refrigerate (2-8 °C), Minimize light exposure	10 mL

OVERVIEW

Trypan blue, a diazo dye is a vital stain that colors dead tissues or cells blue. Live cells or tissues with intact cell membranes are not be colored. Since cells are very selective in the compounds that pass through the membrane, in a viable cell trypan blue is not absorbed; however, it traverses the membrane in a dead cell. Hence, dead cells are shown as a distinctive blue color under a microscope. Trypan blue is commonly used in microscopy (for cell counting) and in laboratory mice for assessment of tissue viability. The method cannot distinguish between necrotic and apoptotic cells. It is also useful to observe hyphae of fungi and Stramenopiles. We offer the highest purity of Trypan Blue.

AT A GLANCE

Important It is important to store at 4°C and in cool, dark place.

It can be used within 12 months from the date of receipt.

EXAMPLE DATA ANALYSIS AND FIGURES

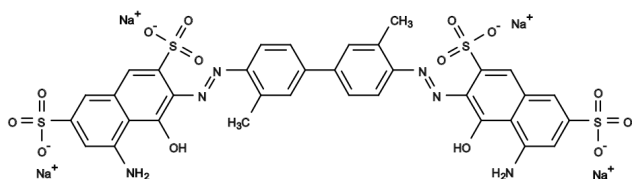


Figure 1. Chemical structure for Trypan Blue, sodium salt *10 mM aqueous solution*

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